



JOHNS CREEK ENVIRONMENTAL CAMPUS

FACT SHEET

What is the Johns Creek Environmental Campus?

The JCEC began as a vision of the late County Commissioner Bob Fulton. In 2002 Commissioner Fulton recognized the need for a new facility and developed the concept that a wastewater treatment facility can be an educational tool and with the right design and collaboration could be an asset to the neighboring community.

The JCEC provides for a new water reclamation facility at 15 MGD to meet “Metro” effluent limits. The new water reclamation facility is approximately 94,300 square feet with an integrated educational center and state-of-the-art odor and noise control systems on a park-like setting with architectural features that will blend with the community and the City of Roswell. A key component incorporates the use of the wastewater treatment process as an educational tool – explaining to adults and children alike issues and benefits related to water quality and aquatic life in the Chattahoochee River, water conservation, reuse water, and the value of water.

The treatment system utilizes Membrane Bio-Reactor (MBR) technology to produce effluent to reuse water quality standards for irrigation.

What are some of the benefits of the project?

The JCEC will lead to the decommissioning of the existing Johns Creek WPCP, which is nearing the end of its useful life. The existing plant would require significant investment to continue meeting regulatory standards. The new facility will operate more efficiently resulting in a better investment of tax payers’ money. It ensures adequate wastewater treatment capacity to serve new homes and businesses, and provides the availability of reuse water for irrigation. Effluent coming from the facility is treated to reuse standards, helping to maintain the delicate ecological balance of the Chattahoochee River.

The JCEC was designed to fit in with the character of the surrounding community. Its architecture blends in with the existing surroundings, and includes extensive noise and odor controls. The facility provides interactive learning opportunities for local students and area residents on a variety of water quality management issues. Reuse water will be available in the future for use by local homes and businesses for watering their lawns, consequently preserving the water supply.

Where is the JCEC located?

The JCEC is located at 8100 Holcomb Bridge Road in the City of Roswell, adjacent to the Chattahoochee River, on a 42.56 acre parcel, with the structure covering only 5.1% of the parcel. Nearly 18 acres (42.2%) will be reserved for landscaped area and nearly 17 acres (39.5%) will remain underdeveloped. Much of the landscaped area will be used as an adjacent recreation space in coordination with the City of Roswell’s neighboring Garrard Landing Park. The site is across the street from City of Roswell’s Fire Station #7. The facility is located within Commission District 4 under Commissioner Tom Lowe.

What is the JCEC current status?

The JCEC achieved substantial completion on September 22, 2009, and the County assumed operational responsibility of the facility on November 7, 2009. The Grand Opening of the facility occurred on July 16, 2010. Currently, the only major outstanding work is the construction of the gravity and force main pipeline. The Contractor has completed the installation of the 12-in force main and about 200 feet of 30-in gravity and laterals remain to be installed.

Aside from the pipeline work, the Contractor is working on remaining punch list items, warranty issues, and completion of project deliverables.

The project is approximately 99.75% complete.

JCEC Contract Information

<i>Project Delivery Type:</i>	Design & Build
<i>Contractor:</i>	Archer Western Contractors, Inc.
<i>Designer:</i>	Brown & Caldwell
<i>Project Duration:</i>	1,415 Calendar Days
<i>Notice to Proceed Date:</i>	November 6, 2006
<i>Project Completion Date:</i>	May 31, 2010
<i>Contract Amount:</i>	\$137,656,741.00
<i>Change Order:</i>	0.00
<i>Payment to Date:</i>	\$134,672,405.00
<i>MFBE Participation:</i>	\$60,676,400.00 or 44.08%